



03-2806

FTW

Patent Application
Attorney Docket No. PC27371A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Phillip A. Morton, et al. :

APPLICATION NO.: 10/779,461 : Examiner: Not yet assigned

FILING DATE: February 13, 2004 : Group Art Unit: Not yet assigned

TITLE: ANTIBODIES TO C-MET FOR THE :
TREATMENT OF CANCERS

Mail Stop AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97 ET SEQ.

Applicant(s) herein make(s) available to the U.S. Patent and Trademark Office a copy of PTO-FB-A820 which lists the references cited by the applicant(s), copies of which are enclosed.

The Examiner is requested to consider carefully the complete text of these references in connection with the examination of the above-identified application in accord with 37 C.F.R. § 1.104(a). It is believed the Examiner will concur with applicant's belief that the subject matter presently claimed is neither anticipated nor rendered obvious by the foregoing references.

It is requested that the references listed on the attached form PTO/FB/A820 be included in the "References Cited" portion of any patent issuing from this application (M.P.E.P. § 1302.12).

Please charge all appropriate fees to cover this submission to Pfizer Deposit Account No. 16-1445.

A prompt and favorable response is earnestly solicited.

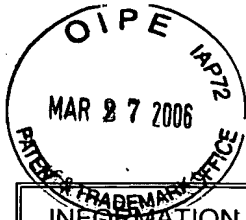
Respectfully submitted,

Date: 27 March 2006



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Reg. No. 38,607

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150 East 42nd Street
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. PC27371A	SERIAL NO. 10/779,461
	APPLICANT Phillip A. MORTON, et al.	
	FILING DATE February 13, 2004	GROUP Not yet assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US	4 3 9 9 2 1 6	08/16/83	Axel et al.	435	6	
	US	4 4 0 5 7 1 2	09/20/83	Vande Woude et al.	435	5	
	US	4 5 1 0 2 4 5	04/09/85	Cousens et al.	435	172.3	
	US	4 6 3 4 6 6 5	01/06/87	Axel, et al.	435	68	
	US	4 7 4 0 4 5 1	04/26/88	Kaufman	425	68	
	US	4 9 1 2 0 4 0	03/27/90	Kaukfmn, et al.	435	69.6	
	US	4 9 5 9 4 5 5	09/25/90	Clark et al.	530	351	
	US	4 9 6 8 6 1 5	11/06/90	Koszinowki et al.	435	172.3	
	US	5 1 5 1 5 1 0	09/29/92	Stec et al.	536	27	
	US	5 1 6 8 0 6 2	12/01/92	Stinski	435	240.2	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	EP	0 8 0 5 2 0 3	11/05/97	EPO			YES	NO
	EP	0 2 1 6 8 4 6	04/08/87	EPO	C12N	15/00		
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	EP	0 3 2 3 9 9 7	07/18/89	EPO	C12N	15/12		
	EP	0 3 3 8 8 4 1	10/25/89	EPO	C12N	15/00		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Altschul et al., "Basic local alignment search tool," Journal of Molecular Biology, 215(1):403-410 (1990)
		Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," Nucleic Acids Research, 25(17):3389-3402 (1997)
		Amicone et al., "Transgenic expression in the live of truncated Met blocks apoptosis and permits immortalization of hepatocytes," The EMBO Journal, 16(3):495-503 (1997)

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	US	5	1	7	9	0	1	7	01/12/93	Axel et al.	435	240.2								
	US	5	2	2	3	4	0	9	06/29/93	Ladner	425	69.7								
	US	5	5	4	5	8	0	6	08/13/96	Lonberg et al	800	2								
	US	5	5	4	5	8	0	7	08/13/96	Surani et al.	800	2								
	US	5	5	6	9	8	2	5	10/29/96	Lonberg et al.	800	2								
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	US	5	6	2	5	1	2	6	04/29/97	Lonberg et al.	800	2								
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	EP	0	9	4	5	8	6	4	09/29/99	EPO	G11B	27/10								
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																				
		Babcock et al., "A novel strategy for generating monoclonal antibodies from single, isolate lymphocytes producing antibodies of defined specificities," PNAS, 93:7843-7848 (1996)																		
		Barbas et al., "Assembly of combinatorial antibody libraries on phage surfaces: the gene III site," PNAS, 88:7978-7982 (1991)																		
		Beviglia et al., "Expression of the c-Met/HGF receptor in human breast carcinoma: Correlation with tumor progression", Int. J. Cancer, 74:301-309 (1997)																		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">EXAMINER</td> <td style="width: 50%; border: none;">DATE CONSIDERED</td> </tr> </table>																	EXAMINER	DATE CONSIDERED		
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	US	5	6	4	3	7	6	3	07/01/97	Dunn et al.	435	91.1	
	US	5	6	4	6	0	3	6	07/08/97	Schwall et al.	435	252.3	
	US	5	6	6	1	0	1	6	08/26/97	Lonberg et al.	435	172.3	
	US	5	7	2	1	3	6	7	02/24/98	Kay et al.	800	2	
	US	5	7	4	1	9	5	7	04/21/98	Deboer et al.	800	2	
	US	5	7	4	7	4	9	8	05/05/98	Schnur et al.	514	259	
	US	5	7	5	0	1	7	2	05/12/98	Meade et al.	426	580	
	US	5	7	5	6	6	8	7	05/26/98	Denman et al.	530	412	
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	EP	1	0	0	4	5	7	8	05/31/00	EPO	C07D	207/28		
	WO	9	2	1	3	0	9	7	08/06/92	PCT				
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	WO	04	0	7	2	1	1	7	08/26/04	PCT				
	WO	04	0	7	8	7	7	8	09/16/04	PCT				

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>													
			Birchmeier et al., "Met, metastasis, motility and more," Natinal Reviews Molecular Cell Biology, 4:915-925 (2003)										
			Bird et al., "Single-chain antigen-binding proteins," Science, 242:423-426 (1988)										
			Bowie et al., "A method to identify protein sequences that fold into a known three-dimensional structure," Science, 253: 164-170 (1991)										

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	US	5	7	8	9	6	5	0	08/04/98	Lonberg et al.	800	2	
	US	5	7	9	2	7	8	3	08/11/98	Tang et al	514	397	
	US	5	8	1	4	3	1	8	09/29/98	Lonberg	424	184.1	
	US	5	8	2	7	6	9	0	10/27/98	Meade et al.	435	69.6	
	US	5	8	3	4	5	0	4	11/10/98	Tang et al.	514	418	
	US	5	8	6	1	5	1	0	01/19/99	Piscopio et al.	544	131	
	US	5	8	6	3	9	4	9	01/26/99	Robinson et al.	514	575	
	US	5	8	7	7	3	0	5	03/02/99	Huston et al	536	23.53	
	US	5	8	8	3	1	1	3	03/16/99	Tang et al.	514	418	
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OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>													
			Bussolino et al., "Hepatocyte growth factor is a potent angiogenic factor which stimulates endothelial cell motility and growth," The Journal of Cell Biology, 119(3):629-641 (1992).										
			Cao et al., "Neutralizing monoclonal antibodies to hepatocyte growth factor/scatter factor (HGF/SF) display antitumor activity in animal models," Proceedings of the National Academy of Sciences of the United States of America, 98(13):7443-7448 (2001)										
			Chan et al., "Identification of a competitive HGF antagonist encoded by an alternative transcript," Science, 254:1382-1385 (1991)										

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	US	5	9	1	6	7	7	1	06/29/99	Hori et al.	435	69.6	
	US	5	9	3	9	5	9	8	08/17/99	Kicherlapati et al.	800	25	
	US	5	9	5	9	1	7	7	09/28/99	Hein et al.	800	288	
	US	5	9	8	5	6	1	5	11/16/99	Jakobovits et al.	435	69.6	
	US	5	9	9	4	6	1	9	11/30/99	Stice et al.	800	21	
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	WO	9	2	1	5	6	7	9	09/17/92	PCT	C12N	15/10		

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			Chothia et al., "Canonical structures for the hypervariable regions of immunoglobulins," Journal of Molecular Biology, 196:901-917 (1987)
			Chothia et al., "Conformations of immunoglobulin hypervariable regions," Nature, 342:877-883 (1989)
			Christensen et al., "A selective small molecule inhibitor of c-Met kinase inhibits c-Met-dependent phenotypes in vitro and exhibits cytoreductive antitumor activity in vivo," Cancer Research, 63: 7345-7355 (2003)

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	US	6	1	3	0	3	6	4	10/10/00	Jacobovits et al.	800	6								
	US	6	1	5	0	5	8	4	11/21/00	Kucherlapati et al.	800	18								
	US	6	1	6	2	9	6	3	12/19/00	Kucherlapati et al.	800	18								
	US	6	2	0	7	1	5	2	03/27/01	Schwall et al.	424	130.1								
	US	6	2	1	4	3	4	4	04/10/01	Schwall et al.	424	174.1								
	US	6	2	8	4	7	6	4	09/04/01	Kath et al.	574	259								
	US	6	4	1	7	4	2	9	07/09/02	Hein et al.	800	288								
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	WO	9	3	0	6	2	1	3	04/01/93	PCT	C12N	15/00								
	WO	9	4	0	2	6	0	2	02/03/94	PCT	C12N	15/00								
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			Clackson et al., "Making antibody fragments using phage display libraries," Nature, 352: 624-628 (1991)																	
			Corps et al., Hepatocyte growth factor stimulates motility, chemotaxis and mitogenesis in ovarian carcinoma cells expression high levels of c-Met," Int. J. Cancer, 73:151-155 (1997).																	
			Date et al., "HGF/NK4 is a specific antagonist for pleiotrophic actions of hepatocyte growth factor," FEBS Letter, 420: 1-6 (1997)																	
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	US	6	4	6	8	5	2	9	10/22/02	Schwall et al.			
	US	03	0	1	2	4	6	71	07/03/03	Chan et al.			
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	WO	9	6	3	3	7	3	5	10/31/96	PCT	A61K	39/00		

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			Ebert et al., Coexpression of the c-met proto-oncogene and hepatocyte growth factor in human pancreatic cancer, Cancer Research, 54:5775-5778 (1994)
			Evans et al., "Design of nonpeptidal ligands for a petptide receptor: Cholecystokinin antagonists," Journal of Medicinal Chemistry, 30:1229-1239 (1987)
			Fauchere, "Elements for the rational drug design of peptides drugs," Advances in Drug Research, 15:29-69 (1986)

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			Fuchs, et al., "Targeting recombinant antibodies to the surface of Escherichia coli: fusion to a peptidoglycan associated lipoprotein," Biotechnology, 9:1369-1372 (1991)
			Galfre, et al., "Preparation of monoclonal antibodies: strategies and procedures," Methods in Enzymology, 73:3-46 (1981)
			Garrard et al., F _{AB} assembly and enrichment in a monovalent phage display system, Biotechnology, 9:1373-1377 (1991)

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	WO	9	8	3	4	9	1	5	08/13/98	PCT	C07C	317/44		

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
			Gonnet et al., Exhaustive matching of the entire protein sequence database," Science, 256:1443-1445 (1992)
			Gram et al., "In vitro selection and affinity maturation of antibodies from a naive combinatorial immunoglobulin library," PNAS, 89: 3576-3580 (1992)
			Green et al., "Antigen-specific human monoclonal antibodies from mice engineered with human Ig heavy and light chain YAC's," Nature Genetics, 7:13-21 (1994)

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								FILING DATE February 13, 2004				GROUP Not yet assigned			

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	WO	9	8	5	4	0	9	3	12/03/98	PCT	C01D	293/72		

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	WO	9	9	2	9	6	6	7	06/17/99	PCT	C07D	211/16		
	WO	9	9	3	5	1	3	2	07/15/99	PCT	C07D	239/94		

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	WO	9	9	5	3	0	4	9	10/21/99	PCT	C12N	15/10		

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	WO	0	3	4	8	7	3	1	06/12/03	PCT	G01N			

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